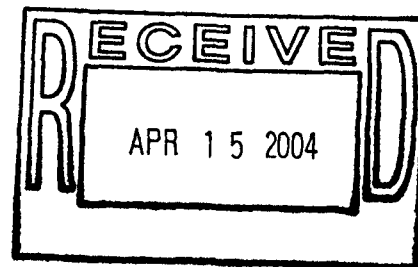


QUARTERLY STATUS REPORT

ROCKY FLATS CLEANUP AGREEMENT IMPLEMENTATION

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

SECOND QUARTER FISCAL YEAR 2004



ADMIN RECORD

SW-A-004917

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1.0 Introduction

Pursuant to paragraphs 122 and 263 of the Rocky Flats Cleanup Agreement (RFCA or Agreement), this quarterly status report presents the progress toward implementation of activities covered under the Agreement. The RFCA is a legally binding agreement between the Department of Energy (DOE), the Environmental Protection Agency (EPA), and the Colorado Department of Public Health and Environment (CDPHE) to accomplish required cleanup of radionuclide and hazardous substance contamination at and from the Rocky Flats Environmental Technology Site (RFETS). For the purposes of this report, the term, the Site, refers to both DOE and the Kaiser-Hill Company L L C (Kaiser-Hill).

This report describes activities that occurred from January 2004 through March 2004 (referred to as the second quarter of fiscal year [FY] 04). The sections of this report are organized into the following topics: (1) Introduction, (2) Site-wide Activities Implementing RFCA and Supporting RFETS Closure, (3) RFETS Closure Projects, (4) Water Management, and (5) List of Approved Decision Documents.

2.0 Site-wide Activities Implementing RFCA and Supporting RFETS Closure

2.1 Integrated Monitoring Plan Update

The second quarterly update to the Integrated Monitoring Plan was distributed in March 2004. This update published changes agreed to by CDPHE and EPA to the air monitoring and groundwater monitoring sections. The groundwater monitoring section reflects currently planned changes in network operation and interpretation, and includes redefinition of some well's functions and changes in analytes of interest at others. The air monitoring section reflects the recent agreement to remove three unneeded air monitoring stations near communities to the east of RFETS and recognizes the issues associated with potential loss of power in the Industrial Area. If line power continues to be removed from the area as part of the safety requirement, and practicality, of demolition, air monitoring will have to be supported, in part, using generator power. The commitment remains to perform monitoring of project-specific activities, but the monitoring may be more focused on active periods of demolition than has been necessary to-date, and may use different samplers than are presently deployed.

During this second quarter, discussions continued between the RFCA parties regarding possible revisions to the Integrated Monitoring Plan, mainly concentrating on how groundwater will need to be monitored up to and past physical completion. This discussion takes on added importance as Water Program staff plans the continuing removal of groundwater wells under the Well Abandonment and Replacement Program (WARP). The final revised work plan for the WARP for this calendar year (CY) and the first three months of the next CY is to be released during the third quarter of FY04.

Particularly important to these groundwater discussions are projections of which contaminant plume signature areas may need to be monitored in the future, and how extensive the network of monitoring wells will need to be in each of these areas. The discussions involve the availability of groundwater in these different areas, the expected changes in flow path following removal of buildings and limited surface recontouring, and the contaminant signatures that have been measured in these areas. At the end of this reporting period, sufficient agreement has been reached that existing wells needed for such monitoring have been tentatively identified, allowing the WARP planning to be finalized for this year.

The groundwater discussion will continue next quarter, and can be anticipated to include more focused discussions, for all media, on how the monitoring networks will be configured at physical completion. The RFCA Project Coordinators have targeted this summer as the preferred deadline for defining tentative monitoring configurations at physical completion.

3.0 RFETS Closure Projects

RFETS Closure activities conducted during the second quarter of FY04 included (1) Industrial Area Operable Unit, Building (B) 771, (2) Industrial Area Operable Unit, B776/777, (3) Industrial Area Operable Unit, B371/374, (4) Industrial Area Operable Unit, B707, and (5) Remediation, Industrial & Site Services Project (RISS).

3.1 Industrial Area Operable Unit, B771 Closure Project

The B771 Closure Project Decommissioning Operations Plan (DOP) was approved by CDPHE on January 11, 1999. As of March 31, 2004, six modifications to the DOP have been approved. During the second quarter of FY04, the B771 Closure Project Team conducted the following activities:

- 1 Completed decontamination in area AB (Annex)
- 2 Completed dismantlement of area AH
- 3 Initiated demolition of Rooms 202, 203 and 210 in B774
- 4 Completed final survey in portions of area AM (Rooms 341 and 441)
- 5 Completed approximately 85% of hydrolasing activities
- 6 Submitted and received CDPHE approval on DOP Minor Modification #6. The modification allows for the removal of contaminated structures with prior approval of the Lead Regulatory Agency.

3.2 Industrial Area Operable Unit, B776/777 Closure Project

The B776/777 Closure Project DOP was approved by CDPHE on November 5, 1999. As of March 31, 2004, ten minor modifications and one major modification to the DOP have been approved. The Demolition Plan was a major modification, it was approved on July 1, 2003.

During the second quarter of FY04, the B776/777 Closure Project Team conducted the following activities

- 1 Completed the removal of all zone 2 ducting from the interior of B776/777 and ~ 50% of the main plenum (PL-250)
- 2 Completed decontamination, final surveys and encapsulation in Area 1
- 3 Completed decontamination and final surveys in Area 2
- 4 Continued decontamination activities in Area 3
- 5 Initiated asbestos abatement of interior and exterior transite panels. Approximately 60% of the exterior walls are constructed of two layers of transite panels. These must be removed as part of the asbestos abatement effort prior to demolition and replaced with non-asbestos panels.

There are a total of eighty-four work sets in the B776/777 Project, 79 sets have been completed to date.

Activities planned for the third quarter of FY04 include

- 1 Complete punch-list removals in the overhead and on walls (Set 83)
- 2 Complete filter change and decontamination of the main exhaust plenum and four supply plenums (Set 83)
- 3 Remove exterior zone 2 ducting over B777 (Set 83)
- 4 Continue asbestos abatement and radiological decontamination activities

3.3 Industrial Area Operable Unit, B371/374 Closure Project

The B371/374 Closure Project DOP was approved by CDPHE on March 29, 2001. As of March 31, 2004, three field modifications to the DOP have been approved. During the second quarter of FY04, the B371/374 Closure Project Team conducted the following activities:

- 1 Completed Sets 26 and 57. To date, the Closure Project Team has completed a total of 27 of 45 dismantlement sets and has removed 320 of 428 gloveboxes and 246 of 375 tanks.
- 2 Completed sludge removal from the B374 tanks. More than 95,000 gallons of sludge were removed from 37 tanks in B374.
- 3 Continued decontamination and decommissioning (D&D) activities on Sets 6, 9, 12, 23, and 58.
- 4 Continued dismantlement activities in the B371 canyons. To date 5 of 11 of the highly contaminated rooms have been dismantled and stabilized. Canyons and remotely operated equipment were installed in B371, in addition to gloveboxes, to separate workers from the hazards of aqueous plutonium operations.
- 5 Continued decontamination of the eight Input/Output stations. Input/Output station 6 in room 3206 was removed and packaged as low-level waste. In preparation for removal of the pallet storage racks in the Central Storage Vault, workers began efforts

- to reduce airborne radioactivity concentrations in the vault. The massive vault in B371 spans nearly the length of the facility and reaches a height of 45 feet.
6. Modification 1 to the B371/374 DOP was available for public comment from December 15, 2003 through January 21, 2004. The DOP modification proposed an alternative decommissioning strategy that would substantially reduce the person-hours required to prepare the facility for demolition. A draft responsiveness summary to comments received has been prepared and will be submitted to the agencies in the third quarter of FY04. Any modification, once approved, will be incorporated into the DOP as Revision 1. Additionally, Revision 1 may update the DOP for minor modifications 1, 2 and 3, as well as minor corrections and the status of the project.

Activities planned for the third quarter of FY04 include the continued strip-out of electrical, mechanical, tanks, and glovebox systems in Sets 6, 9, 12, 23, 29, and 58.

3.4 Industrial Area Operable Unit, B707 Closure Project

The B707 Closure Project DOP was approved by CDPHE on January 18, 2001. As of March 31, 2004, two minor modifications to the DOP have been approved. Activities conducted during the second quarter of FY04 include the completion of Sets B-6, N-1, R-1, R-3, and Second Floors Set 3 and Set 6. This brings the total sets completed to date to 74 of 99 sets. The work performed this quarter encompassed the removal of an additional 15 (to date, 376 of total 377) glovebox/chainveyor equivalents. The only remaining glovebox/chainveyor equivalent is Set K-4 (X-Y Retriever).

Activities planned for the third quarter of FY04 include the completion of Sets K-4, T-3, and Second Floor Sets 7, 9 and 15. Continuing activities include asbestos abatement in B707 with module wall and fitting removal and concrete shaving for radiological decontamination.

3.5 Remediation, Industrial & Site Services Project

RISS activities supporting RFETS closure during the second quarter of FY04 include D&D as well as environmental restoration (ER).

3.5.1 Decontamination and Decommissioning

During the second quarter of FY04, the following activities were completed:

Fifty-seven facilities/structural items were demolished including B128, B131, B302, B566B, B952, B987, one of the 903 Pad tents, 9 slabs, and the 1371 Trailer complex. Building 991 demolition is approximately 80% complete and is expected to be finished and ready for final land configuration at the end of April 2004. The B443 complex has had 45% of the asbestos removed and exterior demolition has begun.

The B444 complex decommissioning has continued on schedule. Significant progress has been made with asbestos abatement in B447 and B448 such that these facilities are expected to be ready for pre-demolition survey by June 2004. Asbestos abatement was

completed on the second floor of B444 and the facility was completely converted to temporary power at the end of the second quarter

Building 881 decommissioning is proceeding toward a scheduled demolition at the end of May 2004. Key milestones that have been completed include a complete removal of interior concrete walls (non-structural) and disposal as low level waste in lieu of extensive decontamination. Selective explosive demolition was used to remove oversized components within the building and removal of non-contaminated stainless steel floors to avoid the hazards of manual removal. Other significant hazards that have been removed include the B887 process system tanks, and the hydrofluoric acid scrubber tank.

Building 559 operations and decommissioning met several important milestones including the first liquid-radioactive samples were shipped offsite for analysis following the shutdown of B559 analytical operations and 71% of the gloveboxes (95 of 133) were removed.

Other items of interest that were completed in the second quarter include:

- Removal of the old atomic materials rail transport (ATMX) cars from site,
- 55% removal of RFETS steam lines,
- Accelerated demolition of New Process Waste Lines (NPWL) valve vaults (7 of 20), and
- 42 shipments (187,904 gallons of estimated 450,000 total gallons) were completed as part of the Aqueous Waste Treatment System.

3.5.2 Environmental Restoration

ER activities implementing RFCA and supporting closure during the second quarter of FY04 included (1) Buffer Zone (BZ) Operable Unit (OU), Group 900-11 (903 Pad and Inner Lip Area), (2) Industrial Area (IA) OU Group 400-8, (3) IA OU Group 800-1, (4) IA OU Group 900-1, and (5) Group 000-5 (Present Landfill) and Group SW-2 (Original Landfill).

3.5.2.1 Buffer Zone Operable Unit, Group 900-11 (903 Pad and Inner Lip Area)

The 903 Lip Area project involved the excavation and off-site disposal of wind-blown contaminated soil. Excavation started in the 903 Lip Area on December 10, 2003 and was completed on December 4, 2003. The following work activities under the ER RFCA Standard Operating Protocol (RSOP) were completed during the project:

- 118 cells were excavated, all confirmation sample results were below RFCA action levels,
- 13,582 cubic yards of soil were excavated for disposal, and
- 1,027 intermodals were filled with soil.

3 5 2.2 Industrial Area Operable Unit, Group 400-8 (Under Building Contamination (UBC) 441, Individual Hazardous Substance Site (IHSS) 400-122 and IHSS 000-121 [Original Process Waste Line (OPWL) Tanks T-2 and T-3])

Building 441 was located in the northwestern portion of the 400 Area and placed into service in 1952. The building was first used as a laboratory. In 1966 it was converted into an office building. IHSS 400-122 partially underlies B441 and extends south of the building encompassing Tanks 1-2 and T-3. Tanks T-2 and T-3 were interconnected underground tanks south of B441 that were part of the OPWL system. The tanks were constructed of reinforced concrete with a capacity of about 12,000 gallons. T-2 and T-3 were originally installed 60 feet south of Building 441. In 1966, the B441 addition was constructed over approximately 7.5 feet of the northern part of the tank system.

After removal of the building, slab, tanks, and associated OPWL lines characterization sampling detected the semi-volatile organic compound (SVOC) benzo (a) pyrene beneath the former location of Tank T-2 (10-11 ft below ground surface) and arsenic beneath OPWL line P4 east of Tank T-3 (4.5-6.5 ft below ground surface). The results slightly exceeded wildlife refuge worker (WRW) action levels (ALs). Detections greater than the Ecological Receptor AL included lead (1-surface and 7-subsurface) and beryllium (2-subsurface). In general because the detections were localized, in an area not subject to erosion, relatively low in concentration, and below the surface no remediation was performed.

The 441 building structure was removed and disposed of in the third quarter FY03, Tanks T-2 and T-3 were removed and disposed of in December 2003 and January 2004.

3 5 2.3 Industrial Area Operable Unit, Group 800-1 (UBC 865, Potential Area of Concern (PAC) 800-1204, PAC 800-1210, PAC 800-1212, and Portions of IHSS 000-121, and PAC 000-504)

Building 865, built in 1970, was part of the Rocky Flats Plant research and development program. The building housed metalworking equipment for the study of non-plutonium metals and the development of alloys and prototype hardware. PAC 800-1204 included B866 leaks from five process waste tanks that serviced B865 and B889. PAC 800-1212 was the result of B866 sump spills, and PAC 800-1210 was the result of a transformer leak.

Building 865 was demolished to its main foundation slab during 2003 (DOE 2004). The B865 slab (100 percent) was removed, as well as most of the footer walls and the top of the concrete caissons. Items remaining below grade were free-released. Soil in the vicinity of the remaining items was not contaminated and no evidence of spills, leaks or ruptures was found in their vicinity. All OPWL under the B865 slab, including drains leading to the OPWL, were tapped, drained and removed. Two NPWL sections located west of B865 were also tapped and drained, filled with epoxy, and removed. Soil within IHSS Group 800-1 was sampled, and based on the analytical results and the results of the SSRS, soil removal was not required. The Closeout Report for IHSS Group 800-1 was approved by CDPHE on March 19, 2004.

3 5 2 4 Industrial Area Operable Unit, Group 900-1 (UBC 991, IHSS 900-173, IHSS 900-184, PAC 900-1301 and PAC 900-1307)

Building 991, constructed between 1951 and 1952, was designed for shipping and receiving, and final assembly of weapon components. The building was also used for research and development, administrative function, and waste storage. IHSS 900-173 included the southern dock area of B991 where products containing plutonium, uranium, and beryllium were received and shipped from the dock, as well as cleaned, maybe with organic solvents. IHSS 900-184 may have been used to steam clean potentially radioactively contaminated equipment and drums. PAC 900-1301 was used for storage of various radioactively contaminated waste and materials. PAC 900-1307 included B993 where explosive bonding experiments were conducted.

Accelerated action activities were conducted between February 4, 2003 and January 13, 2004, and included characterization of the entire IHSS Group and the removal of the B993 slab and explosive bonding pit. Based on characterization results and the results of the subsurface soil risk screen (SSRS), soil removal was not required. The Closeout Report for IHSS Group 900-1 was approved by CDPHE on March 31, 2004.

3 5.2 5 Group 000-5 (Present Landfill) and Group SW-2 (Original Landfill)

Group 000-5 (Present Landfill)

This project involves completion of the Interim Measure/Interim Remedial Action (IM/IRA) decision document and the design and construction of a Resource Conservation and Recovery Act (RCRA) compliant cover at the Present Landfill. The IM/IRA underwent formal public review during the fourth quarter of FY02 and has been revised, based upon consideration of comments and continuing RFCA Party consultation. A modified, proposed final IM/IRA was released for an additional 45-day public comment period starting on September 23, 2003. Comments on the revised IM/IRA have been received and are being addressed. The responsiveness summary and final IM/IRA is now being prepared for submittal to the regulators and stakeholders in the third quarter of FY04. Cover construction activities are scheduled to begin in the third quarter of FY04.

Group SW-2 (Original Landfill)

The predecisional draft IM/IRA was available for agency and informal stakeholder review in the second quarter of FY04. Public comment draft will be available in the third quarter of FY04. Field activities related to the design of the proposed action are scheduled to commence in the third quarter of FY04. Construction of the proposed action is scheduled for FY05 after the approval of the IM/IRA.

3 5 2 6 Status of ER Documents

Table 1 lists the status of ER Documents from October 1, 2003 through March 31, 2004
April 2004 RFCA 2nd Quarter 2004

Table 1 Status of ER Documents

IHSS Groups	Status	Date to Agencies	Approval Date
Closeout Reports			
SW 1 IHSS 133 5 Incinerator IHSS 136 6	Received Approval	12/10/03	12/18/03
700 4 – UBC 771 UBC 774 IHSS 150 2(N), IHSS 163 1 IHSS 163 2, IHSS 215 IHSS 139(N)(b) IHSS 124 1 HIS 124 2 IHSS 124 3 IHSS 125 IHSS 126 1 IHSS 126 2 IHSS 139 2 IHSS 146 1 IHSS 146 2, IHSS 146 3, IHSS 146 4, IHSS 146 5 IHSS 146 6, IHSS 150 1 IHSS 150 3 and Portions of IHSS 121	Received Approval	12/18/03	2/6/04
400 8 – UBC 441 IHSS 122 and portions of IHSS 121	Received Approval	2/26/04	3/19/04
800 1 UBC 865 PAC 800 1204 PAC 1212 and portions of IHSS 121	Received Approval	2/18/04	3/19/04
Data Summary Reports			
400 3 – UBC 444 UBC 447 IHSS 116 1, IHSS 116 2, IHSS 136 1, IHSS 136 2 IHSS 182 IHSS 207 IHSS 208 PAC 400 801 PAC 400 810 & portions of IHSS 121	Received Approval	11/20/03	12/18/03
900 3 – IHSS 213	Received Approval	8/21/03	12/17/03
NE/NW – IHSS 174a IHSS 216 2, IHSS 216 3 PAC NE 1407 PAC NE1404 PAC NE 1412 PAC NE 1413	Received Approval	8/19/03	10/7/03
NFAA Summaries			
IHSS 169	Received Approval	10/16/03	2/20/04
IHSSs 150 6 and 150 8 Radioactive Site South of Building 779 and Radioactive Site Northeast of Building 779	Received Approval	10/16/03	10/20/03
SAP Addenda			
IA 03 10 – Group 700 6	Received Approval	10/16/03	10/31/03
IA 03 15 – Group 700 7	Received Approval	8/21/03	10/22/03
IA 03 17 – Group 700 5	Received Approval	9/15/03	10/21/03
IA 04 01 – Group 400 2	Received Approval	10/21/03	11/17/03
IA 04 02 – Group 700-2	Received Approval	11/18/03	12/22/03
IA 04 03 – Group 500 1 and 500-5	Received Approval	10/14/03	11/14/03
IA 04 04 – Group 100 1	Received Approval	10/2/03	11/20/03
IA 04 05 – Group 600 3	Received Approval	11/13/03	12/11/03
IA 04 06 – Group 800 3	Received Approval	11/18/03	1/21/04
IA 04 07 – Group 700 10	Received Approval	11/25/03	1/9/04

Table 1. (Status of ER Documents continued)

IHSS Groups	Status	Date to Agencies	Approval Date
IA 04 08 – Group 400-1	Received Approval	11/20/03	12/16/03
IA 04 09 – Group 600 5	Received Approval	1/20/04	1/22/04
IA 04 10 700 11	Received Approval	2/23/04	3/29/04
IA 04 12 – Group 700 8	Received Approval	2/25/04	3/19/04
IA 04 14 – Group 400 4	At Agencies	4/1/04	1/9/04
BZ04 02 – 900 12	Receive Approval	10/27/03	11/17/03
BZ 04 11 – Group 900 11 (East Firing Range)	Received Approval	10/2/03	1/14/04
ER RSOP Notification			
03 10 – Group 700 7	Received Approval	8/21/03	10/22/03
03 14 – Group 000 2	Received Approval	10/2/03	10/17/03
04 01 – Group 600 3	Received Approval	11/13/03	12/11/03
04 02 – Group 400 2	Received Approval	10/31/03	11/17/03
04 03 Group 500 1 and 500-5	Received Approval	10/14/03	11/14/03
04 05 Group 700 2	Received Approval	11/18/03	12/22/03
04 07 Group 700 10	Received Approval	11/25/03	1/9/04
04 08 – Group 400-1	Received Approval	11/20/03	12/16/03
OTHER			
Present Landfill IM/IRA	Responsiveness Summary and revised IM/IRA under development		
IA/BZSAP Modification	Submitted to regulatory agencies and revised in accordance with comments		

4 0 Water Management

Water management activities during the second quarter of FY04 are summarized by (1) Watershed Improvements, (2) Surface Water Management, (3) Surface Water Monitoring, (4) Groundwater Monitoring, and (5) the Rocky Flats Water Working Group

4.1 Watershed Improvements

There were no maintenance or cleanout activities performed on the RFETS detention pond dams, ditches, or other storm water conveyance structures during the second quarter of FY04. However, work planning was completed for selected 2004 dam maintenance activities. These activities include vegetation control, crest grading as necessary, and applying herbicide to the upstream slopes of all dams. Fieldwork for these activities will be completed during the next several months.

Storm water pollution prevention practices (silt fences, straw bales, mats, wattles, recontouring patterns, etc.) were implemented for various RFETS demolition projects to minimize storm water runoff, erosion, and sediment transport into the drainage system. The areas impacted by the removal of the incinerator and the former B116/B117 complex were seeded for revegetation.

4.2 Surface Water Management

During the second quarter of FY04 the following pond water transfers and discharges totaling 15.60 Million Gallons (MG) were completed, a decrease of 428% compared to the second quarter of FY03 (66.70 MG)

Pond A-3 activity included one outlet-valve direct discharge to Pond A-4 totaling 3.13 MG. This discharge occurred during the period of March 1 through 4, 2004.

Pond B-1 activity included one pumped-transfer to Pond B-2 totaling 0.47 MG. This transfer occurred on March 2, 2004.

Pond B-2 activity included one pumped-transfer to Pond A-2 totaling 0.83 MG. This transfer occurred during the period of March 2 through 4, 2004.

Pond B-5 activity included one outlet-valve direct discharge to South Walnut Creek totaling 11.17 MG. This discharge occurred during the period of March 9 through 22, 2004. Water quality samples were collected and analyzed, and all approvals were obtained prior to the discharge. The City of Broomfield opted to impound the Pond B-5 discharge within Great Western Reservoir.

There were no Pond A-1, A-2, A-4, C-2, or Fast Landfill Pond transfers or discharges during the second quarter of FY04.

Transfers and discharges from the RFETS ponds during the second quarter of FY04 are summarized in Table 2.

Table 2 RFETS Pond Water Transfers and Discharges – Second Quarter FY04

Dates	Pond Activity	Total MG	Mode
3/1 to 3/4	A 3 to A 4	3.13	Outlet-valve direct discharge
3/2	B-1 to B 2	0.47	Pumped transfer
3/2 to 3/4	B 2 to A 2	0.83	Pumped transfer
3/9 to 3/22	B 5 to South Walnut Creek	11.17	Outlet valve direct discharge
	Total for Quarter	15.60 MG	

4.3 Surface Water Monitoring

During the second quarter of FY04, 50 composite samples were collected by the RFCA automated monitoring network and submitted for analysis. This level of sampling activity is 44% of anticipated (114 samples expected) for the current monitoring network and 14% less than the average (58 samples) for the same period during the prior seven years of RFCA sampling (2Quarter[Q]FY03: 112 samples, 2QFY02: 46 samples, 2QFY01: 46 samples, 2QFY00: 60 samples, 2QFY99: 49 samples, 2QFY98: 62 samples, and 2QFY97: 33 samples).

Gaging station GS41 was removed from service on January 9, 2004. This station had served as an ad hoc monitoring location in support of water balance modeling and Actinide Migration Evaluation studies. GS41 had previously supported the source evaluation efforts related to RFCA Point of Compliance GS03. Data from GS41 were no longer needed by these projects.

The surface water monitoring telemetry system was successfully reconfigured on March 31, 2004 to make way for the demolition of the RFETS meteorology tower. The surface water telemetry system had previously used the meteorology tower to receive radio transmissions from the various monitoring locations in the field. A new radio transmission collection point has been established at the vehicle inspection station on the West Access Road.

A review of all analytical data available for the quarter as of April 1, 2004 showed that the 30-day moving average values for all Point of Evaluation and Point of Compliance locations were below the RFCA action levels and standards for all monitored analytes.

4.4 Ground Water Monitoring

Highlights from the Third (calendar) Quarter 2003 RFCA Groundwater Monitoring Report were presented at the Quarterly Information Exchange Meeting on February 24, 2004.

Other activities completed during the second quarter of FY04 included:

1. Completion and distribution of the Final 2002 Annual RFCA Groundwater Monitoring Report to DOE, regulatory agencies, and other stakeholders.
2. Completion and distribution of the Final Biodegradation Potential of Chlorinated Aliphatic Hydrocarbon Compounds in Groundwater at Rocky Flats to DOE, regulatory agencies, and other stakeholders.
3. Completion, control, and distribution of the WARP Work Plan Addendum (WPA) for CY04. Abandonment of three hundred sixty-two (362) wells under this WPA has been initiated.
4. Installation and development of the fifteen groundwater monitoring wells included in the CY03 Well Installation and Sampling Project Work Plan.
5. Sampled twenty-three Integrated Monitoring Plan wells and other groundwater monitoring wells. Sixty groundwater samples were shipped to offsite laboratories for analysis. Sampling of seven additional wells was attempted but the wells were either dry or technically dry.
6. Measured quarterly water levels at eighteen monitoring wells.
7. The WARP abandoned 27 wells during the second quarter of FY04. Three hundred thirty of the 332 wells scheduled for abandonment in calendar year 2003 have been abandoned. Abandonment of the two remaining wells in the CY03 WARP WPA will be completed under the CY04 WARP WPA.

5 0 Approved Decision Documents

There were no decision documents approved during the second quarter of FY04 that need to be included as an update to RFCA Attachment 12 in accordance with RFCA paragraph 122

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